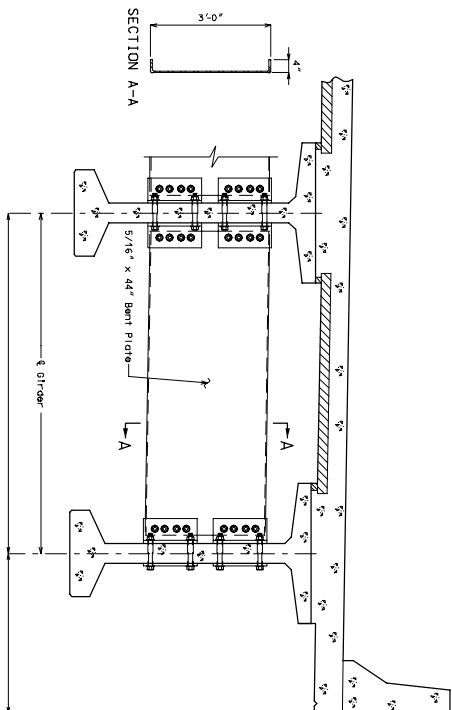
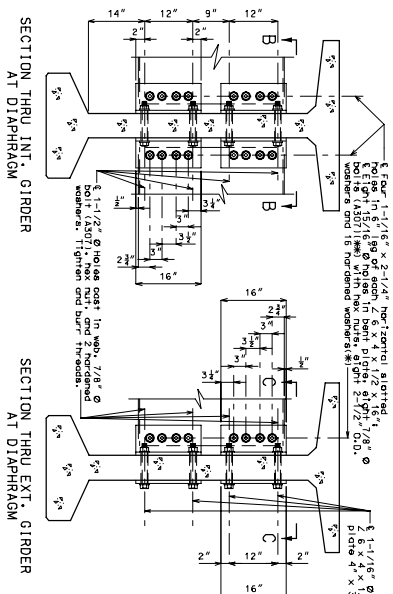


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PART SECTION SHOWING
INTERMEDIATE DIAPHRAGMS



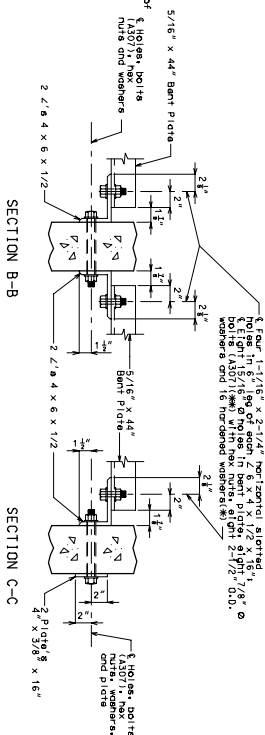
STEEL INTERMEDIATE DIAPHRAGM DETAILS

STEEL DIAPHRAGM NOTES:

In a test of 1/2" square dimensioned, cantilevered, one sided, 1 in. x 3/16" (Mn. 10) bolts and nuts, it was determined that the bolts and nuts should be tightened to provide a tension of approximately that specified in Table 7.12 of the AISC Specification (1989). A 50% load to be applied to the bolts and nuts was used in the test. The bolts and nuts were tightened to the specified tension by using a torque wrench.

All diagonal members in the loading box for Mn. 10 and members 1 and 2 of Mn. 11 were attached structural steel sheet that was 45.94 kN (10.3 kips) in weight. The connections were covered by the contract unit price for steel intermediate diaphragms for P/S concrete slabs.

Splice details will not be required for steel intermediate diaphragms and only a connection for location of intermediate diaphragms, as steel no. .

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions

Sheet No. 01

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COUNTY	DIA 11
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